

In the Claims

1 (currently amended). A method for killing a pest ~~control~~ having an alkaline gut compartment wherein said method comprises ~~exposing-feeding~~ said pest to a compound which disrupts, within said pest, an organic solute transporter/ligand-gated ion channel protein to cause death of the pest, and wherein said compound is selected from the group consisting of L-methionine and L-leucine.

2-5 (currently canceled).

6 (currently amended). The method, according to claim ~~5~~1, wherein said amino acid is ~~methionine or leucine~~ L-leucine.

7 (original). The method, according to claim 6, wherein said amino acid is L-methionine.

8-11 (cancelled).

12 (original). The method, according to claim 1, wherein said pest is selected from the group consisting of Lepidopterans, Coleopterans, and Diptera.

13 (original). The method, according to claim 12, wherein said pest is in the order Coleoptera.

14 (original). The method, according to claim 13, wherein said coleopteran is a Leptinotarsa spp., rootworm, or weevil.

15 (original). The method, according to claim 12, wherein said pest is in the order Diptera.

16 (original). The method, according to claim 15, wherein said lepidopteran is selected from the group consisting of cutworms, budworms, leafworms, earworms, and armyworms.

17 (original). The method, according to claim 12, wherein said pest is in the order Diptera.

18 (original). The method, according to claim 17, wherein dipteran is a mosquito.

19 (original). The method, according to claim 1, wherein said pest is selected from the group consisting of cockroaches, ants, termites, and nematodes.

20 (currently cancelled).

21 (currently amended): The method, according to claim 1, wherein said pest has a V-type ATPase in its gut ~~or midgut~~ region.

22-37 (previously cancelled).

38 (currently amended). A method for ~~controlling~~ killing a pest having an alkaline gut compartment wherein said method comprises administering to said pest an effective amount of ~~an amino acid or an analog thereof~~ L-methionine or L-leucine to cause death of the pest.

39 (currently canceled).

40 (currently amended). A method for ~~controlling~~ killing a pest having an alkaline gut compartment wherein said method comprises inhibiting, within said pest, solute transport or ion channel activity to cause death of the pest, and wherein said inhibition is caused by feeding said pest a compound selected from the group consisting of L-leucine and L-methionine.

41 (cancel).

42 (currently amended). The method, according to claim 1, wherein said compound is applied with another ~~pesticide~~ compound that kills pests.

43 (currently amended). The method, according to claim ~~42~~ 1, wherein said ~~another pesticide is~~ method further comprises administering a *Bacillus thuringiensis* to said pest.

44 (previously added). The method, according to claim 1, wherein said compound is applied in a formulation further comprising a carrier.

45 (previously added). The method, according to claim 44, wherein said carrier is an oil or powder.

46-60 (withdrawn).